

Figure 1: Analysis of recombinant, purified BASB055. A. Coomassie stained SDS-polyacrylamide gel of purified BASB055. **B.** Western blot of purified BASB055 with anti histidine immune reagent.

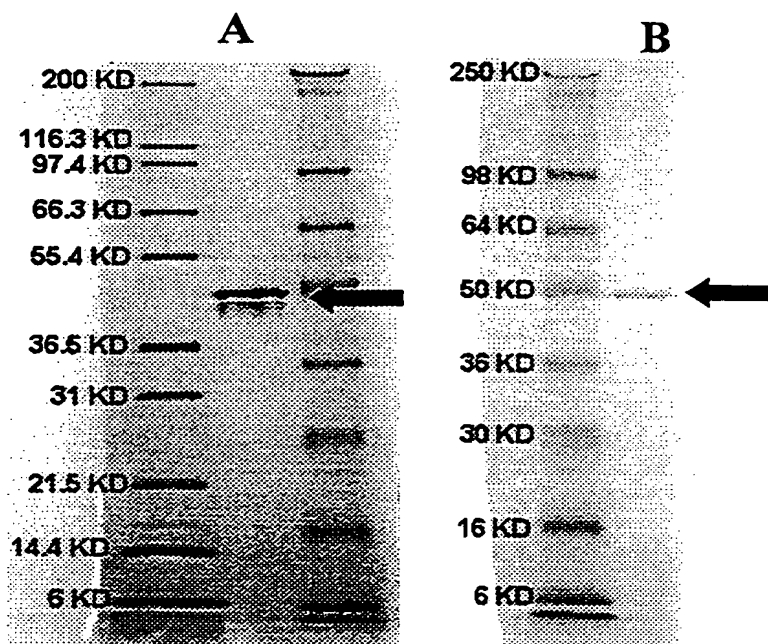


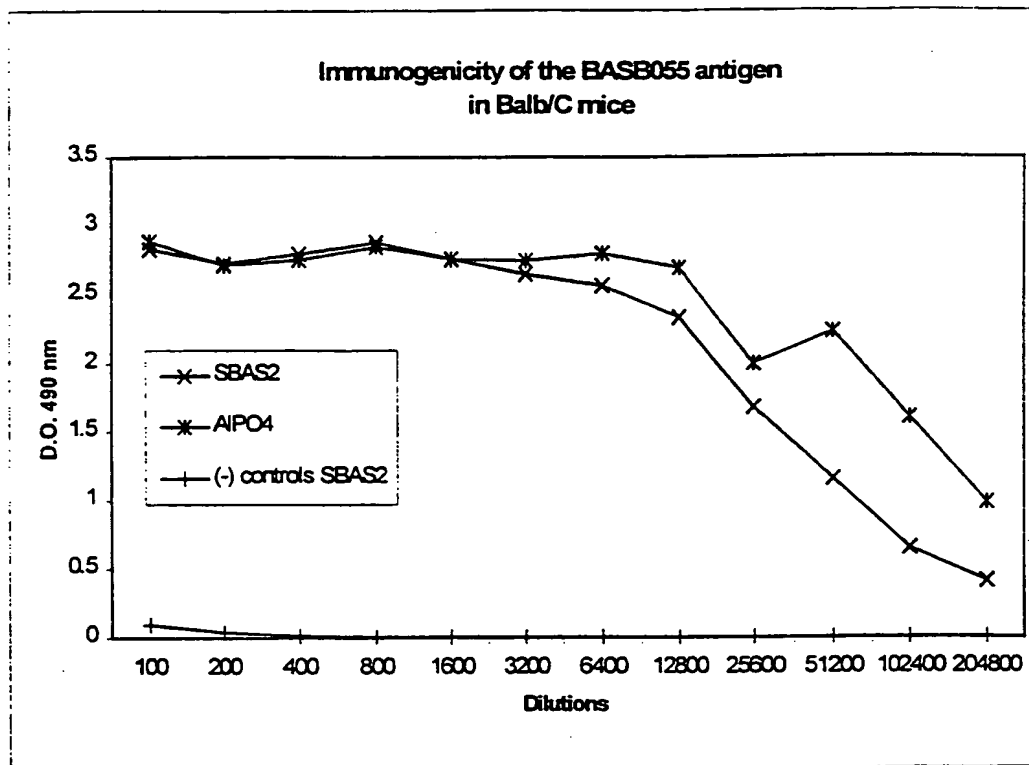
Figure 2 : Anti-BASB055 antibodies induced in Balb/C mice

Figure 3 : Anti-*E. coli* response induced in BASB055 immunized mice sera

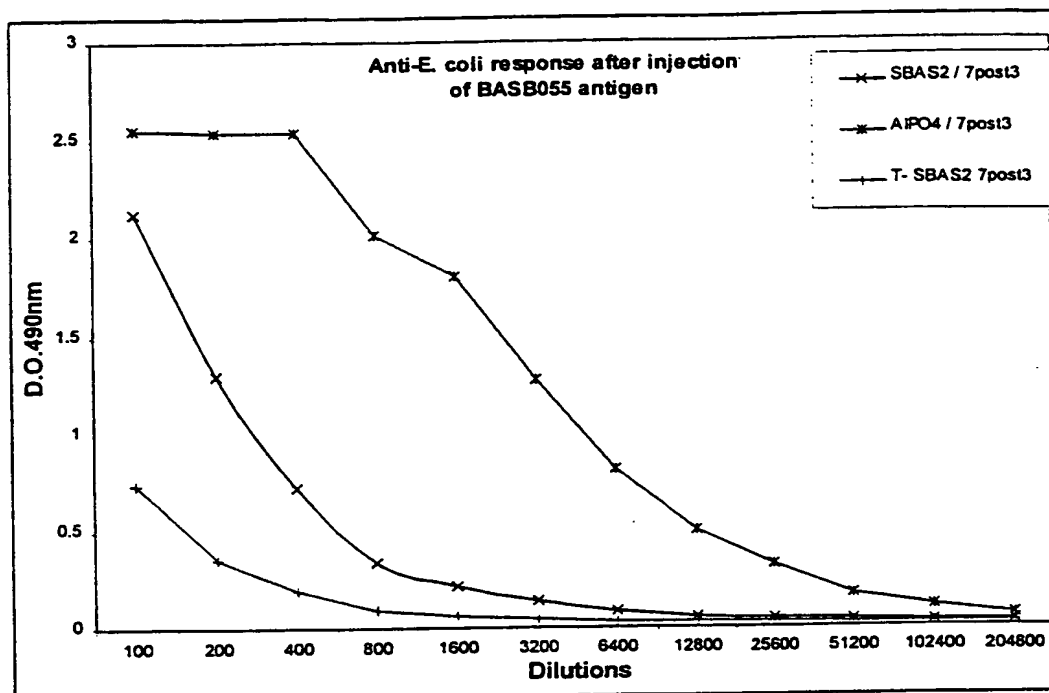
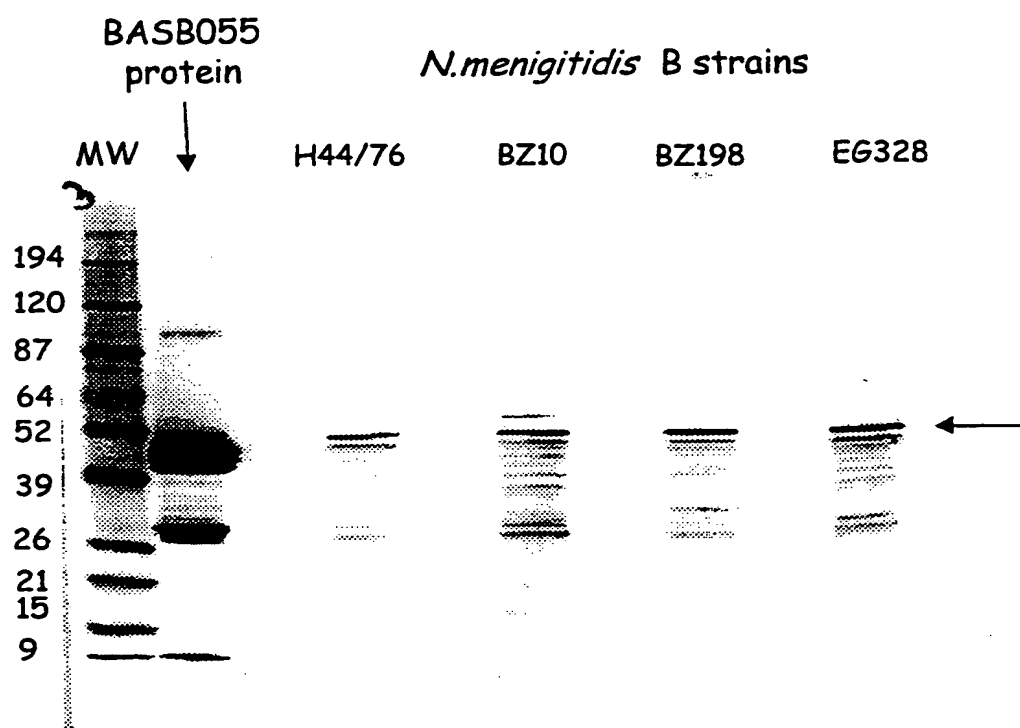


Figure 4 : Recognition of the BASB055 protein on several *Neisseria meningitidis* strains with BASB055 immunized mice sera.



SDS-PAGE gel image showing protein profiles. The gel has five lanes. The first lane is a molecular weight (MW) marker with bands labeled at 194, 120, 87, 64, 52, 39, 26, 21, 15, and 9 kDa. The second lane is labeled 'BASB055 protein' and shows a prominent band at approximately 40 kDa. The third and fourth lanes are labeled '*N. meningitidis* B strains' and show multiple bands, with a prominent band at approximately 40 kDa. The fifth lane is labeled '*E. coli* proteins' and shows a prominent band at approximately 40 kDa, indicated by an arrow. The gel also shows bands at 250687, NGP165, and 13090 kDa.